

Granit 0-10V

Granit IP65 0-10V 19000lm 840 WB

0039596

Product features

- Integrated LED highbay; Black aluminium housing; 19500lm; 135 W; 144 Lm/W; 4000K; Drive current: 540mA; CRI 80; 85° beam angle; 0-10V dimmable; IP65; IK08; Lifespan L80:B50 90,000 hrs; (D x H) 321 x 169 mm; 1.5 m mains cable; 1.5 m control cable; 1.2 m chain length including hooks.



PRODUCT OVERVIEW

Product name	Granit IP65 0-10V 19000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC001716
E-number FI	4357006
Warranty	5 years
Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	135
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP65
IK rating	IK08
Product EAN number	5410288395968

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DATA TABLE

General data

Product name	Granit IP65 0-10V 19000lm 840 WB
Technology	LED
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-30°C - 50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001716
E-number FI	4357006
Warranty	5 years

Optical data

Fixture luminous flux (lm)	19500
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Direct
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	135
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
Drive current (mA)	540
Inrush Current (A)	100
Inrush Duration (µs)	150
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	10
Max. Luminaires per 13A C Breaker	13
Max. Luminaires per 16A C Breaker	16
Max. Luminaires per 20A C Breaker	20
Max. Luminaires per 10A B Breaker	6
Max. Luminaires per 13A B Breaker	7
Max. Luminaires per 16A B Breaker	9

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Max. Luminaires per 20A B Breaker 12

Lifetime data

Lifespan L80 B50	90000
Lifespan L80 B20	70000
Lifespan L80 B10	65000
Lifespan L90 B50	45000

Physical data

Housing colour	Black
IP rating	IP65
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	321
Nominal Product Width (mm)	321
Nominal Product Height (mm)	169
Nominal Product Diameter (mm)	321
Weight (kg)	3.46

Packaging

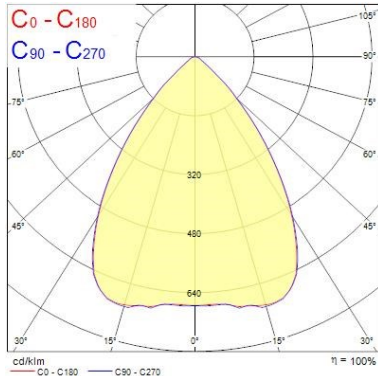
Single packaging type	Carton
Product EAN number	5410288395968
Packaging single length / height (cm)	38.0
Packaging single width (cm)	38.0
Packaging single depth (cm)	18.5
DUN14 (outer)	05410288395968
Units per outer package	1
Packaging outer length / height (cm)	38.0
Packaging outer width (cm)	38.0
Packaging outer depth (cm)	18.5

Safety data

Optimal operating condition (°C)	-30-50
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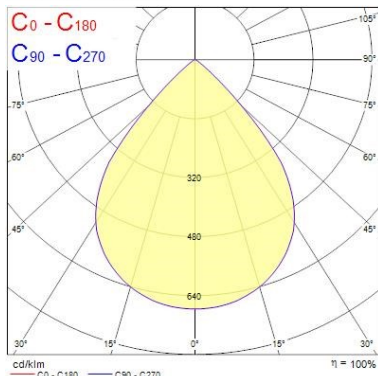
PHOTOMETRY

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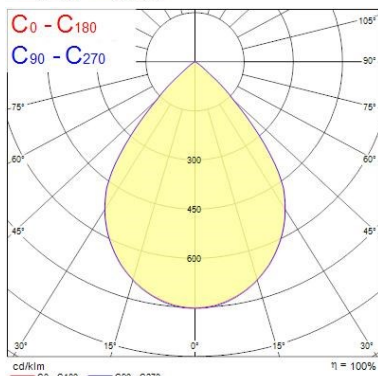
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.76 0.75	6120	37.1° 1950	37.2° 1908
1.0	1.51 1.51	1213	37.1° 3402	37.2° 3402
1.5	2.27 2.26	666	37.1° 1912	37.2° 1812
2.0	3.03 3.01	320	37.1° 861	37.2° 880
2.5	3.78 3.77	200	37.1° 544	37.2° 544
3.0	4.54 4.52	142	37.1° 378	37.2° 378

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 74.0°)
C90 - C270 (Half beam angle: 74.2°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.80 0.80	5694	38.8° 1954	38.8° 1948
1.0	1.60 1.59	1424	38.8° 3436	38.8° 3436
1.5	2.39 2.39	632	38.8° 1915	38.8° 1827
2.0	3.19 3.18	356	38.8° 882	38.8° 889
2.5	3.99 3.98	226	38.8° 545	38.8° 550
3.0	4.79 4.77	150	38.8° 379	38.8° 382

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 71.0°)
C90 - C270 (Half beam angle: 71.2°)

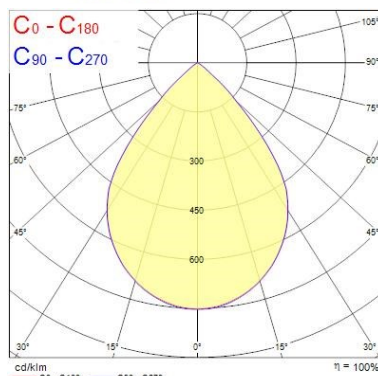


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.80 0.80	5676	38.8° 1950	38.8° 1922
1.0	1.60 1.59	1416	38.8° 3432	38.8° 3430
1.5	2.39 2.39	631	38.8° 1912	38.8° 1828
2.0	3.19 3.18	350	38.8° 881	38.8° 888
2.5	3.99 3.98	222	38.8° 544	38.8° 548
3.0	4.79 4.77	150	38.8° 378	38.8° 381

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 77.0°)
C90 - C270 (Half beam angle: 77.2°)

Distance [m]	Cone diameter [m]	E(0°)	E(C0)
0.5	0.86	5099	40.7° 11808
1.0	1.72	1258	40.7° 2962
1.5	2.58	601	40.7° 1312
2.0	3.44	381	40.7° 738
2.5	4.30	214	40.7° 472
3.0	5.16	150	40.7° 328

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 81.4°)

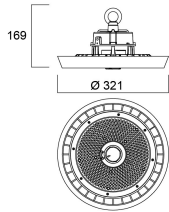


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TECHNICAL DRAWINGS




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 This luminaire contains built-in LED lamps

A++
A+
A
B
C
D
E

} LED


The lamps cannot be changed in the luminaire.

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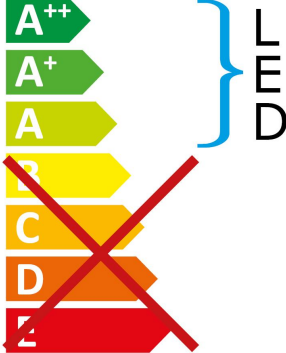
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This luminaire contains built-in LED lamps

The lamps cannot be changed in the luminaire.



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